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ing a large and excellent series of examples and a good introduction to the Chaslesian Superior Geometry, give a special character and a high value to the book, which is marked throughout by those excellences which belong to all the works of its author.

As a mathematician, Dr. Chauvenet is distinguished by extensive learning, inexhaustible patience and thoroughness of research, exactness of method, good choice of points of view, and a very high degree of elegance and skill as an analyst. His works, judged as books of elementary instruction, are direct and clear in mathematical style, and quite free from that painful amplification of first principles which too often characterizes text-books pretending to scientific accuracy; while, considered as embodying the complete development of their respective subjects, according to the best and latest researches, in a highly practical and well-digested form for working mathematicians, they are books of the first order. The labors of few American mathematicians have reflected so much credit on science in this country; and it is to be lamented that the early decline of his health cut short a career which had already been so honorable, and which, it was hoped, would yet present an exemplification of still higher forms of mathematical power. His private character was most estimable, attractive, and delightful. His whole course in life was governed by the highest principles, both in the purity and devotion with which he fulfilled his active relations, and in the thoroughness of his scientific work. His disposition was entirely amiable, and his companionship was full of the charm which proceeds from a sprightly, cultivated, and high-minded intelligence.

Dr. Jarvis presented a paper on the longevity of the European races in the United States.

Remarks on this communication were made by Messrs. E. H. Clark, N. G. Shaler, Nathaniel Holmes, and Edmund Quincy.

Six hundred and thirty-third Meeting.

May 30, 1871. — ANNUAL MEETING.

The PRESIDENT in the chair.

The President read the following letter from Professor Daniel Treadwell: —

DEAR SIR, — I inclose herein a check for two hundred dollars, which I request you to present to the American Academy of Arts and Sciences, to be expended in procuring an accurate and copious index to the works of Count Rumford, which the Academy is now collecting and publishing.

I am very sincerely,

Your friend and servant,

DANIEL TREADWELL.

Voted, That the thanks of the Academy be presented to Mr. Treadwell for his generous and thoughtful gift.

The following gentlemen were elected Members of the Academy : —

Francis L. Pourtales, of Cambridge, to be a Resident Fellow in Class II., Section 3.

Robert Amory, of Brookline, to be a Resident Fellow in Class II., Section 3.

Samuel W. Johnson, of New Haven, to be an Associate Fellow in Class I., Section 3.

Charles A. Young, of Hanover, N. H., to be an Associate Fellow in Class I., Section 2.

Leo Lesquereux, of Columbus, Ohio, to be an Associate Fellow in Class II., Section 2.

The Corresponding Secretary read the report of the Committee of Publication, which was accepted and ordered to be placed on record.

The President read a Report of the Librarian ; also a note from him declining re-election as Librarian or Member of the Rumford Committee.

The President read a Report of the Treasurer, and stated that the latter also declined re-election.

The Report was accepted and ordered to be placed on record.

It was voted that this meeting adjourn, at its close, to the evening of Tuesday, June 6, when the subject of the funds of the Academy would be discussed.

It was voted that the cordial thanks of the Academy be pre-

sented to Professor F. H. Storer, Mr. C. J. Sprague, and Professor Joseph Winlock, for their valuable services as officers of the Academy.

The annual election resulted in the choice of the following officers:—

ASA GRAY, *President*.

GEORGE T. BIGELOW, *Vice-President*.

JOSEPH LOVERING, *Corresponding Secretary*.

EDWARD C. PICKERING, *Recording Secretary*.

EDMUND QUINCY, *Treasurer*.

EDMUND QUINCY, *Librarian*.

Council.

THOMAS HILL,	} of Class I.
JOSIAH P. COOKE, Jr.,	
JOHN B. HENCK,	
ALEX. E. R. AGASSIZ,	} of Class II.
JEFFRIES WYMAN,	
CHARLES PICKERING,	
ROBERT C. WINTHROP,	} of Class III.
GEORGE E. ELLIS,	
ANDREW P. PEABODY,	

Rumford Committee.

MORRILL WYMAN,	JAMES B. FRANCIS,
WOLCOTT GIBBS,	JOHN M. ORDWAY,
JOSIAH P. COOKE, Jr.,	STEPHEN P. RUGGLES,
EDWARD C. PICKERING.	

Committee on Finance.

ASA GRAY,	} <i>ex officio</i> , by statute.
EDMUND QUINCY,	
THOMAS T. BOUVÉ, by election at adj'd annual meeting.	

The other Committees were appointed, on the nomination of the President, as follows:—

Committee of Publication.

JOSEPH LOVERING, JEFFRIES WYMAN,
WILLIAM W. GOODWIN.

Committee on the Library.

CHARLES DEANE, FRANK H. STORER,
EDWARD C. CABOT.

Auditing Committee.

CHARLES J. SPRAGUE, THEODORE LYMAN.

Six hundred and thirty-fourth Meeting.

June 6, 1871.—ADJOURNED ANNUAL MEETING.

The PRESIDENT in the chair.

In accordance with the Report of the Committee on Finance, it was voted to appropriate from the General Fund :—

For General Expenses	\$ 2,100
For Publications	850
For Library	350

The Chairman of the Rumford Committee read anew the report presented at the Annual Meeting, and the one read April 11.

It was voted that the Rumford Premium be awarded to Mr. Joseph Harrison, Jr., of Philadelphia, for his method of constructing steam-boilers, by which great safety has been secured.

Dr. Ellis suggested that a new die should be procured before giving the Rumford Medal, as the present one does not agree with the other likenesses of the Count. Referred to the Rumford Committee.

It was voted that the Rumford Committee be empowered to make such arrangement or contract regarding the publication of a cheap edition of the Life of Count Rumford as may seem to them advisable.